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TECH CENTER 1600/2900



1644

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/688,017

DATE: 06/11/2002

TIME: 14:58:18

Input Set : A:\-11-1.app

Output Set: N:\CRF3\06112002\I688017.raw

4 <110> APPLICANT: Lu, Peter S.
5 Rabinowitz, Joshua D.
6 Schweizer, Johannes
7 Arbor Vita Corporation
9 <120> TITLE OF INVENTION: Molecular Interactions in Hematopoietic
10 Cells
12 <130> FILE REFERENCE: 020054-001110US
14 <140> CURRENT APPLICATION NUMBER: US 09/688,017
C--> 15 <141> CURRENT FILING DATE: 2000-10-13
17 <150> PRIOR APPLICATION NUMBER: US 60/134,114
18 <151> PRIOR FILING DATE: 1999-05-14
20 <150> PRIOR APPLICATION NUMBER: US 60/134,117
21 <151> PRIOR FILING DATE: 1999-05-14
23 <150> PRIOR APPLICATION NUMBER: US 60/134,118
24 <151> PRIOR FILING DATE: 1999-05-14
26 <150> PRIOR APPLICATION NUMBER: US 60/160,860
27 <151> PRIOR FILING DATE: 1999-10-21
29 <150> PRIOR APPLICATION NUMBER: US 60/162,498
30 <151> PRIOR FILING DATE: 1999-10-29
32 <150> PRIOR APPLICATION NUMBER: US 60/170,453
33 <151> PRIOR FILING DATE: 1999-12-13
35 <150> PRIOR APPLICATION NUMBER: US 60/176,195
36 <151> PRIOR FILING DATE: 2000-01-14
38 <150> PRIOR APPLICATION NUMBER: US 60/182,296
39 <151> PRIOR FILING DATE: 2000-02-14
41 <150> PRIOR APPLICATION NUMBER: US 60/196,267
42 <151> PRIOR FILING DATE: 2000-04-11
44 <150> PRIOR APPLICATION NUMBER: US 60/196,460
45 <151> PRIOR FILING DATE: 2000-04-11
47 <150> PRIOR APPLICATION NUMBER: US 60/196,527
48 <151> PRIOR FILING DATE: 2000-04-11
50 <150> PRIOR APPLICATION NUMBER: US 60/196,528
51 <151> PRIOR FILING DATE: 2000-04-11
53 <160> NUMBER OF SEQ ID NOS: 383
55 <170> SOFTWARE: FastSEQ for Windows Version 3.0
57 <210> SEQ ID NO: 1
58 <211> LENGTH: 5
59 <212> TYPE: PRT
60 <213> ORGANISM: Artificial Sequence
62 <220> FEATURE:
63 <223> OTHER INFORMATION: flexible polylinker
65 <400> SEQUENCE: 1
66 Gly Gly Gly Gly Ser

ENTERED

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67   1           5
68   <210> SEQ ID NO: 2
69   <211> LENGTH: 14
70   <212> TYPE: PRT
71   <213> ORGANISM: Artificial Sequence
72   <220> FEATURE:
73   <223> OTHER INFORMATION: linker
74   <400> SEQUENCE: 2
75   Glu Gly Lys Ser Ser Gly Ser Gly Ser Glu Ser Lys Val Asp
76   1           5           10
77   <210> SEQ ID NO: 3
78   <211> LENGTH: 18
79   <212> TYPE: PRT
80   <213> ORGANISM: Artificial Sequence
81   <220> FEATURE:
82   <223> OTHER INFORMATION: linker
83   <400> SEQUENCE: 3
84   Lys Glu Ser Gly Ser Val Ser Ser Glu Gln Leu Ala Gln Phe Arg Ser
85   1           5           10           15
86   Leu Asp
87   <210> SEQ ID NO: 4
88   <211> LENGTH: 4
89   <212> TYPE: PRT
90   <213> ORGANISM: Artificial Sequence
91   <220> FEATURE:
92   <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
93   core sequence of CD3
94   <400> SEQUENCE: 4
95   Ser Ser Gln Leu
96   1
97   <210> SEQ ID NO: 5
98   <211> LENGTH: 5
99   <212> TYPE: PRT
100  <213> ORGANISM: Artificial Sequence
101  <220> FEATURE:
102  <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
103  sequence of CD3
104  <400> SEQUENCE: 5
105  Ser Ser Ser Gln Leu
106  1           5
107  <210> SEQ ID NO: 6
108  <211> LENGTH: 6
109  <212> TYPE: PRT
110  <213> ORGANISM: Artificial Sequence
111  <220> FEATURE:
112  <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
113  sequence of CD3
114  <400> SEQUENCE: 6
115  Ser Ser Ser Ser Gln Leu
116  1           5
117  <210> SEQ ID NO: 6
118  <211> LENGTH: 6
119  <212> TYPE: PRT
120  <213> ORGANISM: Artificial Sequence
121  <220> FEATURE:
122  <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
123  sequence of CD3
124  <400> SEQUENCE: 6
125  Ser Ser Ser Ser Gln Leu

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Input Set : A:\-11-1.app

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132   1           5
134 <210> SEQ ID NO: 7
135 <211> LENGTH: 7
136 <212> TYPE: PRT
137 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
141     sequence of CD3
143 <400> SEQUENCE: 7
144   Pro Ser Ser Ser Ser Gln Leu
145   1           5
147 <210> SEQ ID NO: 8
148 <211> LENGTH: 8
149 <212> TYPE: PRT
150 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
154     sequence of CD3
156 <400> SEQUENCE: 8
157   Pro Pro Ser Ser Ser Ser Gln Leu
158   1           5
160 <210> SEQ ID NO: 9
161 <211> LENGTH: 4
162 <212> TYPE: PRT
163 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
167     core sequence of CD4
169 <400> SEQUENCE: 9
170   Cys Ser Pro Ile
171   1
173 <210> SEQ ID NO: 10
174 <211> LENGTH: 5
175 <212> TYPE: PRT
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
180     sequence of CD4
182 <400> SEQUENCE: 10
183   Thr Cys Ser Pro Ile
184   1           5
186 <210> SEQ ID NO: 11
187 <211> LENGTH: 6
188 <212> TYPE: PRT
189 <213> ORGANISM: Artificial Sequence
191 <220> FEATURE:
192 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
193     sequence of CD4
195 <400> SEQUENCE: 11

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196  Lys Thr Cys Ser Pro Ile
197    1          5
199 <210> SEQ ID NO: 12
200 <211> LENGTH: 7
201 <212> TYPE: PRT
202 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
205 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
206     sequence of CD4
208 <400> SEQUENCE: 12
209  Gln Lys Thr Cys Ser Pro Ile
210    1          5
212 <210> SEQ ID NO: 13
213 <211> LENGTH: 8
214 <212> TYPE: PRT
215 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
219     sequence of CD4
221 <400> SEQUENCE: 13
222  Phe Gln Lys Thr Cys Ser Pro Ile
223    1          5
225 <210> SEQ ID NO: 14
226 <211> LENGTH: 4
227 <212> TYPE: PRT
228 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
232     core sequence of CD6
234 <400> SEQUENCE: 14
235  Ile Ser Ala Ala
236    1
238 <210> SEQ ID NO: 15
239 <211> LENGTH: 5
240 <212> TYPE: PRT
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
245     sequence of CD6
247 <400> SEQUENCE: 15
248  Asp Ile Ser Ala Ala
249    1          5
251 <210> SEQ ID NO: 16
252 <211> LENGTH: 6
253 <212> TYPE: PRT
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
258     sequence of CD6

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Input Set : A:\-11-1.app

Output Set: N:\CRF3\06112002\I688017.raw

260 <400> SEQUENCE: 16
261 Asp Asp Ile Ser Ala Ala
262 1 5
264 <210> SEQ ID NO: 17
265 <211> LENGTH: 7
266 <212> TYPE: PRT
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
271 sequence of CD6
273 <400> SEQUENCE: 17
274 Tyr Asp Asp Ile Ser Ala Ala
275 1 5
277 <210> SEQ ID NO: 18
278 <211> LENGTH: 8
279 <212> TYPE: PRT
280 <213> ORGANISM: Artificial Sequence
282 <220> FEATURE:
283 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
284 sequence of CD6
286 <400> SEQUENCE: 18
287 Asp Tyr Asp Asp Ile Ser Ala Ala
288 1 5
290 <210> SEQ ID NO: 19
291 <211> LENGTH: 4
292 <212> TYPE: PRT
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
297 core sequence of CD38
299 <400> SEQUENCE: 19
300 Thr Ser Glu Ile
301 1
303 <210> SEQ ID NO: 20
304 <211> LENGTH: 5
305 <212> TYPE: PRT
306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
309 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
310 sequence of CD38
312 <400> SEQUENCE: 20
313 Cys Thr Ser Glu Ile
314 1 5
316 <210> SEQ ID NO: 21
317 <211> LENGTH: 6
318 <212> TYPE: PRT
319 <213> ORGANISM: Artificial Sequence
321 <220> FEATURE:
322 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/688,017

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Input Set : A:\-11-1.app
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:290; Xaa Pos. 1